

# Work Order ID 79831

February-03-12 3:30:52 PM

**\*79831\***

Page 1

Item ID: D3284-005 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Stud  
 Start Date: 03/02/2012 Start Qty: 2.00 **\*2\*** Cust Item ID:  
 Required Date: 17/02/2012 Req'd Qty: 2.00 **\*2\*** Customer:  
 Reference:

Approvals: Process Plan: M.L.J Date: 12/02/06 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D3284	Rev <u>A</u>

100 PURCHASING 0.00  
**\*100\***  
 Purchasing Memo 0.00  
 Purchasing Issue P/O: 14091 to Northern Aero Industries Order P/N:  
 B80704-1 Manufacture per B80704 Rev. A Certificate of Conformity is  
 required

pl 12-02-6  
2

110 Receive & Inspect for Damage & Mat'l Certs 0.00  
**\*110\***  
 Packaging Memo 0.00  
 Packaging Ensure certificate of conformity is attached

6/4/9 (2)

120 QC5- Inspect part completeness to step on W/O 0.00  
**\*120\***  
 QC Memo 0.00  
 Quality Control Visually inspect parts for thread damage, fit and cad plating

5/2/02/09

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 79831

**\*79831\***

Page 2

February-03-12 3:30:52 PM

Item ID: D3284-005 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Stud  
 Start Date: 03/02/2012 Start Qty: 2.00 **\*2\*** Cust Item ID:  
 Required Date: 17/02/2012 Req'd Qty: 2.00 **\*2\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>036</u>	0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

12/4/10 (2)

12/2/13 df

12-02-10 (2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

February-03-12 3:30:56 PM

Page 1

Work Order ID: 79831

\*79831\*

Parent Item: D3284-005

\*D3284-005\*

Parent Item Name: Stud

Start Date: 03/02/2012

Required Date: 17/02/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP: B04.10.21Added Step 4KJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
B80704-1		Purchased	No			110	Each	16.0000	1	2			

\*B80704-1\*

stud

\*\*

0/0/2/9

Location

Loc Qty

Loc Code

ST

16

80704

16

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# SPECIFICATION CONTROL DRAWING

DART P/N	SPECIFICATION
D3284-001 SLEEVE	ACS P/N B80702-1 PER ACS DWG B80702 REV. A
D3284-003 STUD	ACS P/N B80703-1 PER ACS DWG B80703 REV. A
D3284-005 STUD	ACS P/N B80704-1 PER ACS DWG B80704 REV. A
D3284-007 STUD	ACS P/N B80705-1 PER ACS DWG B80705 REV. B
D3284-009 BEARING	BHT P/N 47-140-252-5
D3284-011 BEARING	BHT P/N 205-060-101-001
D3284-021 TUBE ASSY	204-060-158-001 MODIFIED PER IIN-D205-708
D3284-023 BIPOD ASSY	204-060-155-001 MODIFIED PER IIN-D205-708
D3284-025 TRIPOD ASSY	204-060-157-001 MODIFIED PER IIN-D205-708
D3284-031 TUBE ASSY	205-060-107-001 MODIFIED PER IIN-D205-708
D3284-033 BIPOD ASSY	205-060-106-001 MODIFIED PER IIN-D205-708
D3284-035 TRIPOD ASSY	205-060-105-001 MODIFIED PER IIN-D205-708



**NOTE:**

FOR FUTURE PROCUREMENT, THE PURCHASE ORDER MUST SPECIFY THAT THE MATERIAL USED TO MANUFACTURE THE D3284-001/-003/-005/-007 PARTS MUST COMPLY WITH THE FOLLOWING SPECIFICATIONS:

AISI 4130 ROUND BAR PER AMS 6348/MIL-S-6758 WITH

MIN Ft<sub>u</sub> = 90 Ksi

MIN Ft<sub>y</sub> = 70 Ksi

EACH INDIVIDUAL ITEM TESTED BEFORE USE OR PROVEN TO EQUAL OR EXCEED THE ABOVE.

**RELEASED**  
2010-03-25

B	ADD NOTE	RF	09.07.14
A	NEW ISSUE	KJ	04.05.06
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	D3284	SHEET 1 OF 1
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	ADJUSTABLE ENGINE MOUNT	NTS
DATE	09.07.14	<small>COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO16091**

Purchase Order Date 2/6/2012

PO Print Date 2/6/2012

Page Number 1 of 1

**Order From :**

VU-NOR003

NORTHERN AERO INDUSTRIES LTD.  
25 DUNLOP AVENUE  
WINNIPEG, MB R2X 2V2  
CA

**Contact Name**

**Vendor Phone** 204-772-9922

**Vendor Fax** 204772-7568

**Vendor Account Nbr**

**Buyer**

Brigitte Golden

**Requisition Nbr**

10127-2607

**Tax Resale Nbr**

**Terms**

Net 30

**Currency**

USD

**FOB**

Destination-Collect

**Ship To :**

DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	B80705-1	stud	2/17/2012 Yes	2.00 Each	FedEx Overnigh	\$99.5520	\$199.10
		<b>Special Inst:</b> D3284-007 Stud ACS p/n B80705-1 per ACS Dwg: B80705 Rev: B					
2	B80704-1	stud	2/17/2012 Yes	2.00 Each	FedEx Overnigh	\$87.1080	\$174.22
		<b>Special Inst:</b> D3284-005 Stud ACS p/n B80704-1 per ACS DWG: B80704 Rev: B					
<b>PO Total:</b>						<b>\$373.32</b>	

Change Nbr: 1

Change Date: 2/6/2012

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



Engineering, Certification & Manufacturing

# Packing Slip

**ACS-NAI Ltd.**

25 Dunlop Avenue  
R2X 2V2 Winnipeg  
Canada  
Tel : 204-772-9922  
Fax : 204-772-7568

SO# 26249

Delivery No. : 2497  
Delivery Date : 02/07/2012  
SO No. : 26249  
Your Reference : PO: 16091  
Delivery Method : FEDEX  
Payment Condition : Net 30 Days

**Delivery to:** Dart Aerospace Ltd.

Attention: Brigitte Golden  
1270 Aberdeen Street

Hawkesbury K6A 1K7  
Canada

Item	Description Batch Number	Total		Qty		Delivery Date
		Ordered	Unit	Delivered		
B80705-1	STUD 11-4296	2	EA	2		02/17/2012
B80704-1	3/4" MALE STUD 11-4295	2	EA	2		02/17/2012

Ship Via FedEx overnight to Account # 151793240  
Tax ID #: 10127-2607  
Bridgitte Golden @ 613-632-9577

8 n/10/12

Packages: 0

Gross Weight: 0.00

Net Weight:

**Ordered by:** Dart Aerospace Ltd.

Attention: Brigitte Golden  
1270 Aberdeen Street

Hawkesbury K6A 1K7  
Canada

**Invoice to:** Dart Aerospace Ltd.

Attention: Accounts  
1270 Aberdeen Street

Hawkesbury K6A 1K7  
Canada

0.00

**Remarks**

**Certification Statement**

I hereby certify that the aircraft part(s) described hereon were acquired from a source of supply that is consistent with the conditions under which TCCA distributor approval AMO88-97 has been granted.

Signatory

Date

**CERTIFICATE OF CONFORMITY**

Form Tracking No.26249-1

Work Order/Contract/Invoice:16091

Cage Code: MFR L0555

Item	Description	Part No.	Quantity	Serial/Batch	Status
1	Stud	B80705-1	2	11-4296	NEW
2	Stud	B80704-1	2	11-4295	NEW

Remarks:

THESE ITEMS CONFORM TO DESIGN DATA B80704 (REV A); AND B80705 (REV B), AS APPLICABLE.

New-Unused Parts/Material Certification

The items described above have been manufactured using standards employed by a TCCA approved manufacturer in accordance with CAR 561 and a AS9100 Quality Assurance System.

Signature

Name R.D. WILLIAMSON

Date (dd mmm yyyy)  
07-Feb-12

Used, Repaired or Overhauled Parts Certification

The items described above have been maintained using standards employed by a TCCA approved maintenance organization in accordance with CAR 573 and a AS9100 Quality Assurance System.

Signature

Name

Date (dd mmm yyyy)

User/Installer Responsibilities: This certificate does not constitute authority to install the item(s) described above on an in-service type certified aircraft.